GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA

STARRED QUESTION NO:3
ANSWERED ON:23.07.2001
DIVERSION OF EXCESS WATER OF RIVERS
P.D. ELANGOVAN;RAJ NARAIN PASSI

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether the Government have identified rivers in the country which flow into the Sea;

(b) if so, whether the Government have formulated any scheme to divert the excess water of these rivers to the rivers with less water for storage purpose;

(c) if so, whether the Government have discussed this issue with the Planning Commission; and

(d) if so, the details thereof?

Answer

THE MINISTER OF WATER RESOURCES (SHRI ARJUN CHARAN SETHI)

(a) to (d) A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION No.3 TO BE ANSWERED IN THE L SABHA ON 23.07.2001 REGARDING DIVERTION OF EXCESS WATER OF RIVERS.

The average annual precipitation received in the country in the form of rainfall and snow is estimated to be of the order of 4000 cubic km. Of this, the average annual run off in the various river basins is of the order of 1869 cubic km. The utilisable quantum has been estimated as 690 cubic km for surface water and 432 cubic km for ground water, making total utilisable as 1122 cubic km. Against this, the present utilisation is estimated at about 605 cubic km. Balance water could be assumed to be flowing unutilised to the sea mainly in Ganga, Brahmaputra, Mahanadi, Godavari and Narmada. The Ministry of Irrigation (now Ministry of Water Resources) and the Central Water Commission formulated a National Perspective Plan for water resources development in 1980 which envisages inter-linkages among various peninsular rivers and the Himalayan rivers for transfer of water from water surplus basins to water deficit basins for optimum utilization of water resources. The plan envisages 17 water transfer linkages under the Peninsular River Development Component and 14 water transfer linkages under the Himalayan Rivers Development Component.To follow it up, the Government of India has established the National Water Development Agency (NWDA) an autonomous society in July 1982 to inter-alia carryout the water balance and feasibility studies of the national perspective plan. The names of all the proposed 31 inter basin transfer linkages from the presently assessed surplus basins to the deficit basins are given in the Annexure.

The NWDA have completed pre-feasibility of all the 31 linkages.The feasibility of 5 linkages under the Peninsular River Development Component have also been completed.

The progress made with regard to formulation of National Perspective Plan is discussed with the Planning Commission as a part of Annual Plan discussions for the finalisation of this Ministry's Annual Plan. Further, the progress in the work of NWDA is periodically discussed in its Governing Body in which Planning Commission is represented.

ANNEXURE

LIST OF PROPOSED WATER TRANSFER LINKS FOR WHICH PREFEASIBILITY REPORTS HAVE BEEN PREPARED BY NWDA

Peninsular Rivers Development Component

1. Mahanadi (Manibhadra) - Godavari (Dowlaiswaram) link

2. Godavari (Polavaram) - Krishna (Vijaawada) link

3. Godavari (Inchampalli) - Krishna (Pulichintala) link

4. Par-Tapi link

5. Ken-Betwa link
6. Kalisindh- - Chambal link

7 Pamba - Achankovil - Vaigai link

8. Godavari (Inchampalli) - Krishna (Nagarjunasagar) link

9. Godavari (Inchampalli Low Dam)-Musi & Krishna (Nagarjunasagar Tail pond) Links
10. Damanganga - Tansa link
11. Bedti - Varda link
12. Netravati - Hemavati Link
13. Krishna (Nagarjunasagar) - Pennar (Somasila) link
14. Krishna (Srisailam) - Pennar (Podattur) link
15. Krishna (Almatti) - Pennar link
16. Pennar (Somasila) - Cauvery (Grand Anicut) link
17. Cauvery (Kattalai) - Vaigai -Gundar link

Himalayan Rivers Development Component

1. Kosi-Mechi link

2. Kosi-Ghaghra link

3. Gandak-Ganga link

4. Ghaghra-Yamuna link

5. Sarda-Yamuna link
6. Yamuna-Rajasthan link

7 Rajasthan-Sabarmati link

8. Chunar-Sone Barrage link

9. Sone Dam - Southern Tributaries of Ganga link
10. Brahmaputra-Ganga link (Manas-Sankosh-Tista-Ganga)
11. Farakka-Sunderbans link
12. Ganga-Damodar-Sunernarekha link
13. Subernarekha-Mahanadi link
14. Jogighopa-Tista-Farakka link

NOTE: Prefeasibility studies for all the above links have been completed.